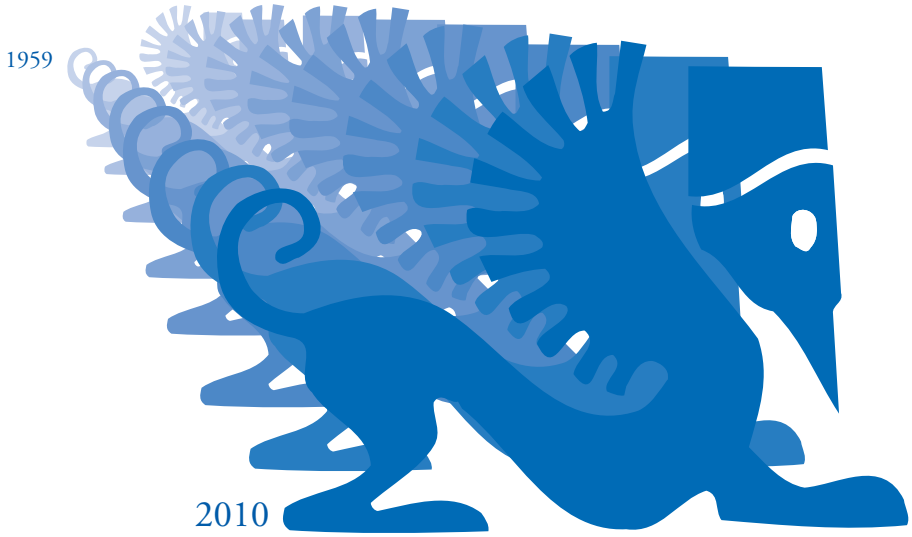
LubriTec

Synthetic Lubricant Cross Reference Charts

Fifth Edition

A supplement to

OEM/Lube News



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LubriTec

Synthetic Lubricant Cross Reference Chart Series Reference Guide

5th Edition

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OEM/Lube News

Introduction

Welcome to the 5th edition of the Synthetic Lubricant Cross Reference Chart Series Reference Guide. We have developed this guide to assist lubricant marketers to be able to ascertain the equivalence of various synthetic lubricants on the worldwide market and to provide as much data on each of these products as feasibly possible within the context of this research study. All the information and data listed in this guide are based upon research, experience and data submission from participating lubricant companies. While we believe that, to the best of our knowledge, all this information is accurate and reliable, there are no implied guarantees or warranties, and such material should be used only as a guide to the users of this reference guide.

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Synthetic Lubricant Cross Reference Chart Series Reference Book
Fifth Edition

Table of Contents

A Supplement to:

Notes, Disclaimer and Copyright

1. The intention of this study was to list finished synthetic lubricants/coolants made from Group III. Group IV and/or Group V synthetic base oils.
2. All the listed lubricants are full synthetic; none are para-synthetic or semi-synthetic.
3. The API, ACEA and other industry classifications and OEM specifications shown for the engine oils were those listed in the respective companies' literature at the time this information was taken from such, may possibly be upgraded or changed at the time of viewing, are in some instances generalized due to differences for various SAE viscosity grades, and should be used for supplemental information only.
4. The API classifications and OEM specs shown in the API GL-5 Gear Lubricant chart were those listed in the respective companies' literature at the time this information was taken from such, may possibly be upgraded or changed at the time of viewing, are in some instances generalized due to differences for various SAE viscosity grades, and should be used for supplemental information only. All such oils (except for a few lesser known suppliers where data is not provided) are typically API GL-5, minimum API GL-4, except where noted.
5. The API classifications and OEM specs shown for the SAE 50 Manual Transmission Fluids were those listed in the respective companies' literature at the time this information was taken from such, may possibly be upgraded or changed at the time of viewing, and should be used for supplemental information only. Most of these oils (except for a few lesser known suppliers where data is not provided) are typically API CD and API GL-1 except where noted.
6. Many of the listed gear and transmission lubricants meet/exceed the Extended Warranty requirements for Eaton Roadranger (where noted) and Meritor (Rockwell) extended drain.
7. The majority of the compressor lubricants contained within the PAG and POE Compressor Lubricants chart are used in applications compressing process gas, natural gas, hydrogen and other polar gases.
8. A few of the listed lubricants in the charts may no longer be marketed, but were intentionally shown so that the user of these charts could determine a suitable replacement for a recently obsolete lubricant.
9. The contents of any of these charts does not imply that these are the only synthetic lubricants and basestocks available for blending synthetic lubricants. Upon requesting the latter from most basestock companies, these are the ones that submitted their data to us.
10. These charts are only intended as lists of similar synthetic lubricants. Lubrication Technologies, Inc. does not intend to represent that all the lubricants listed herein are necessarily of the same quality or offer the same level of performance in all instances. Quality and performance can vary.
11. Disclaimer: every reasonable effort was taken to insure that these charts are as accurate as possible; however, we will not be responsible any liability for any errors or inaccuracies. Lubrication Technologies, Inc. will not be held responsible for any decisions made as a result of the information provided above. These charts should be used only as a guide. Products should be verified with supplier.
12.

PAO Synthetic Compressor Lubricants

	ISO 32	*ISO 46*	*ISO 68*	*ISO 100*	*ISO 150*	*ISO 220*	*Remarks*
Acculube	ALS 32	ALS 46	ALS 68	ALS 100	ALS 150		
			ALNGS 68	ALNGS 100	ALNGS 150	ALNGS 220	for natural gas compressors
Afton Chemical	HiTEC 5032	HiTEC 5046	HiTEC 5068	HiTEC 5100			for rebranding only
Agean Marine (Greece)		Alfasynth PAO 46	Alfasynth PAO 68				
Agip (Italy)	Dicrea SX 32	Dicrea SX 46	Dicrea SX 68	Dicrea SX 100		Dicrea SX 220	
Allegheny Petrolrum	Altra PAO 32	Altra PAO 46	Altra PAO 68	Altra PAO 100	Altra PAO 150	Altra PAO 220	
Aluchem (Italy)	Alusynt C 32	Alusynt C 46	Alusynt C 68	Alusynt C 100	Alusynt C 150		
American Agip	30321 SCO	30461 SCO	30681 SCO				(Synthetic Compressor Oil)
American Lubricants	Syn Comp P32	Syn Comp P46	Syn Comp P68	Syn Comp P100	Syn Comp P150	Syn Comp P220	
American Synthol (Amerilube)	A327C	A467C	A687C				
AMSOIL	PCH	PCI	PCJ	PCK	PCL		
Anderol	3032	3046 3057M	3068	3100	3150		3057M is ISO 46/68
	3432	3446	3468	3486			
		46 Supreme					
	See Royal Lubricants also						
Aral (Germany)		Motanol SPA 46	Motanol SPA 68	Motanol SPA 100			
Atlas Copco		GA-8K					
Behr Hella			PAO 68 Plus UV				
Benz	Syncon 32	Syncon 46	Syncon 68	Syncon 100			
BP	Enersyn RC-S 32	Enersyn RC-S 46	Enersyn RC-S 68				Not Marketed in W. Hemisphere
Busch		R580		R570			
BVA	SHP-1-32	SHP-1-46	SHP-1-68	SHP-1-100	SHP-1-150	4601-220	
C&C Oil Co.	Duration S.C. F. 32	Duration S.C. F. 46	Duration S.C. F. 68				(Synthetic Compressor Fluid)
Cam2	Synthetic C.O. 32	Synthetic C.O. 46	Synthetic C.O. 68	Synthetic C.O. 100			(Synthetic Compressor Oil)
Camco	41-32	41-46	41-68	41-100	41-150		
Castrol	SHL 32	SHL 46	SHL 68	SHL 100	SHL 150(+)	SHL 220(+)	+ grades deleted in 2006
		Aircol SR46					
Cepsa (Spain)		Compressor ARS 46	Compressor ARS 68	Compressor ARS 100			
Champion (G-D)	Rotorlub 8000	PAO 46					
Chemtool	CT Compressor 32	CT Compressor 46	CT Compressor 68	CT Compressor 100	CT Compressor 150		
Chevron	Tegra SCO 32	Tegra SCO 46	Tegra SCO 68	Tegra SCO 100	Tegra SCO 150	Tegra SCO HC 220	(Synthetic Compressor Oil)
CITGO	ComprGard PAO 32	ComprGard PAO 46	ComprGard PAO 68	ComprGard PAO 100	ComprGard PAO 150		(CompressorGard)
		ComprGard XL 46	ComprGard XL 68				High Performance
				ComprGard PAO H-100		ComprGard PAO H-220	for hydrogen & natural gas
CLC Lubricants	PAC 32	PAC 46	PAC 68	PAC 100	PAC 150		